Geolocation Technician or Analyst

Position Details

Reports to: Supervisor: Data Interception & Forensic Geolocation Unit

Employee Type: Authorised Officer

Executive Group: Central & Southern Districts

Shift Work/Non-Shift Work: Non-shift work

Workgroup: National Crime investigation Group

Remuneration Range: Band F (Technician) - Band I (Analyst)

Location: PNHQ

Delegated Financial Authority: Nil

Role Level: Individual Contributor/Emerging Leader

Direct Reports: Nil

Working at Police (who we are)

New Zealand Police delivers services that ensure people can be safe and feel safe in their homes, on our roads and in their communities. Police operate 24 hours a day in a complex environment actively targeting and preventing crime and harm. With around 16,000 staff, we work from urban and rural stations and larger policing hubs.

We operate on land, sea and in the air, and respond to more than 1.2 million events per year – answering more than 992,000 111 calls and over 650,000 non-emergency calls.

We're working towards specific goals and targets that highlight our intent to work collaboratively with iwi and communities, other government sectors and business partners to deliver our business and achieve long-term change.

Values:

Our Values provide a guide to the way New Zealand Police work, operate, and make decisions, and reflect what is important to us and the communities we serve.

- **Professionalism** — Taking pride in representing New Zealand Police and making a difference in the communities we serve
- **Respect** — Treating everyone with dignity, upholding their individual rights and honouring their freedoms
- **Integrity** — Being honest and upholding excellent ethical standards
- **Commitment to Māori and The Treaty** — Acting in good faith of, and respecting the principles of Te Tiriti O Waitangi – partnership, protection, and participation
- **Empathy** — Seeking understanding of, and considering the experience and perspective of those New Zealand Police serve
- **Valuing Diversity** — Recognising the value different perspectives and experiences bring to making us better at what we do

Position Overview (where you'll be working)

The Forensic Geolocation Unit (FGU) is a small team based in Wellington. The purpose of the FGU is to analyse, interpret and communicate geolocation evidence to assist and support district investigators in serious crime investigations across New Zealand.

In this role you will be encouraged to use your initiative to build NZ Police's capability in the area of radio frequency cell site surveying and subsequent presentation of the evidence. You will be supported to become a subject matter expert in order to present your analysis in Court.

This role requires someone who is methodical, inquisitive and tenacious, has good listening, written and verbal communication skills and is able to work well within a busy, established team environment.

Responsibilities (what you'll be doing)

The **Geolocation Technician or Analyst** will:

1. Product & Service Delivery

- Conduct forensic cell site surveys across the full spectrum of mobile communication technologies.
- Assist and contribute to the investigation of offences using specialist expertise in mobile communication technologies and location analytics.
- Prepare and peer review reports relating to geolocation data, ensuring accuracy and evidential standards are maintained.
- Prepare statements of evidence as required.
- Give testimony in court to a high standard and work towards/maintain an 'expert witness' status.
- Provide a reception facility and act as the first point of contact between investigating officers and the Forensic Geolocation Unit.
- Act as a source of expert information and advice to investigative staff where specialist forensic expertise is required.
- Provide administrative support for NZ Police mapping capabilities, including:
  - Maintaining mapping equipment and software systems, publications, files and correspondence.
  - Maintaining an organised system for daily correspondence.
- Comply with guidelines, procedures, format and standards as set out in the Forensic Geolocation Unit Standard Operating Procedures manual.
- Develop networks inside and outside the organisation to achieve "best result" for the organisation as a whole.
- Assist in the preparation and delivery of training to Police and other investigators as required.
- Assist in the mentoring, training and development of other staff within the Forensic Geolocation Unit as required.
- Review systems and procedures to ensure the Forensic Geolocation Unit maintains optimal efficiency and effectiveness.

2. Relationship Management

- Establish and maintain positive working relationships with other members of Police, such as investigators, prosecutors and supervisors.
- Establish and maintain positive working relationships with external partners, such as Crown Prosecutors, lawyers, other government agencies, private and public companies, overseas law enforcement and forensic agencies.
- Co-operate and work effectively with other members of the Forensic Geolocation Unit in order to achieve team goals and standards

3. Strategic Development

- Undertakes environmental scanning to continuously identify, evaluate and analyse present and future requirements.
- Presents options and recommendations to inform Police's response to changes in telecommunications technology.
- Promote continuous improvement and industry good practice.

4. Universal Responsibilities

All employees of New Zealand Police are expected to:

- Adhere to New Zealand Police standards of integrity and conduct.
- Comply with legislative and statutory requirements within area of expertise, including employment and privacy legislation.
- Model the New Zealand Police Values – Professionalism, Respect, Integrity, Commitment to Māori and The Treaty, Empathy and Valuing Diversity.
- Respect diversity and demonstrate inclusiveness.
- Understand the hazards in their work area and eliminate or minimise the associated risk.
- Report all accidents, incidents and near misses in MyPolice in a timely fashion.
- Actively participate in Wellness and Safety initiatives and training.
- Perform other duties and participate in projects as required.

Key Relationships (who you'll be working with)

The **Geolocation Technician or Analyst** can expect to build and maintain effective relationships with:

Internal	District Investigators and Crime Managers, National Criminal Investigations Group (NCIG) groups including Technical Operations Group (TOG), High Tech Crime Group (HTCG) and Surveillance Group, National Organised Crime Group (NOCG).
External	Telecommunications Network Operators and companies, Crown Prosecutors, Judicial staff and external vendors.

Position Specific Competencies (how you'll deliver results)

To be successful in this role, the **Geolocation Technician or Analyst** will:

- Effectively communicate with our people, partners and community,
- Use critical thinking and problem-solving skills to make sound decisions and judgement
- Manage time, priorities and responsibilities for self and others
- Manage our administrative responsibilities and resources
- Coach our peers
- Know Our Business and how to deliver it.
- Know our contribution to achieving our targets.
- Know the legislation, policy and guidelines relevant to the role and how to access them
- Know how to identify and manage risk to personal safety and trust and confidence
- Know the impact of unconscious bias and how to manage our own biases.
- Know and understand the diverse cultures within our communities.
- Have experience in engaging with partners and stakeholders
- Have a breadth of experience in the core aspects of our role.
- Have the experience to apply creative and diverse thinking and show initiative.
- Have the experience to manage own health, waiora (well-being) and resilience.
- Enhance the Mana and waiora (well-being) of others, so that we can all be safe and feel safe.
- Seek clarity about the outcomes and activities we are expected to deliver.
- Seek opportunities to develop our own skills, knowledge and experience.
- Contribute honestly and openly to our progress and performance reviews.

Required Qualifications

- Relevant industry Radio Frequency qualifications and/or experience, or
- Geospatial analysis qualifications and/or experience

Pre-Employment Checks

- Not a children's worker, standard vetting required.
- Drug and alcohol testing, as required, according to guidelines.
- Top Secret National Security Clearance is required to be obtained and maintained.
- Employees must be able to obtain, and maintain, Authorised Officer status

Work Environment

- Flexibility options: Flexible work options available.
- Travel requirements: Travel is required as part of this role
- Successful applicant must reside in Wellington.